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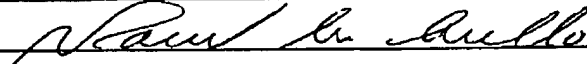
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<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	10/723,028	
	Filing Date	November 26, 2003	
	First Named Inventor	Robert G. Wiley	
	Art Unit	2874	
	Examiner Name	Ellen E. Kim	
Total Number of Pages In This Submission	16	Attorney Docket Number	61986-042 (SAET-009)

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm Name	McDermott Will & Emery LLP		
Signature			
Printed name	David M. Mello		
Date	September 29, 2005	Reg. No.	43,799

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Signature			
Typed or printed name	David M. Mello	Date	September 29, 2005

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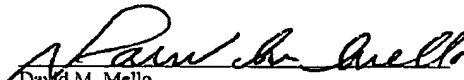
## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Robert G. Wiley  
Filing Date: November 26, 2003  
Application Serial No.: 10/723,028  
Title: HYDROGEN CONCENTRATION RELOCATION ON  
OPTICAL FIBER  
Examiner: Ellen E. Kim  
Group Art Unit: 2874  
Customer No: 23630  
  
Atty. Docket No.: 61966-042 (SAET-009)

## CERTIFICATE OF FACSIMILE

I hereby certify that this correspondence is being sent by facsimile on the date shown below to 571-273-8300 and addressed to: Mail Stop  
Amendment, Commissioner for Patents, Washington, DC 20231.

September 29, 2005  
Date

  
David M. Mello

**RESPONSE TO OFFICE ACTION**  
**AND AMENDMENT**

VIA FACSIMILE: 571-273-8300  
Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Introductory Comments

In response to the Office Action dated June 29, 2005 for the above-identified patent application, please consider the remarks and enter the amendments provided herein.